

Collection no. 168

K. H. L. Key

1

29.xii.1970 - 15.i.1971

29/12

Distances in miles

25400.9 Windsor

404.7 Wilberforce

408.8 Sandstone rise with rock

Poednuma musgravii
exposures & sandy soil, leaning

eucalypts in open formation to 25ft.

Leptospermum sp., *Lambertia* sp. &

Angophora sp. 1-6ft, numerous small
flannel flowers,

shrubs, Jaggeraceae, stalky grass &

Anisopogon avenaceus R.Br.
the tall grass from Bundanoon.

Poednuma apparently mainly on east.

409.7 Turn-off to left to Kurrajong.

412.8 Turn-off to left to Kurrajong.

415.8 Colo River.

416.1 Colo ~~to~~.

422.9 Colo Heights.

458.0 Turn-off to Puthy (3½ mi.)

30/12

25509.8 Singleton depart.

531.7 Jerry's Plains.

536.6. Hunter R. : in semi-flood.

Returned.

540.5. Outskirts of Jerry's Plains.

Took road to Doyle's Creek.

546.5 Turn-off to Doyle's Creek.

547.8. Hilly. E. crebra to 60ft with *Callitris*
macrotona scuriformis
endlicheri to 20ft, *Casuarina lucidissima* (?) to
 20ft, *Acacia* spp.
Dodonaea sp. to 6ft, various grasses
 & forbs to 1ft.

562.9. Derriman.

566.9. Goulburn R. crossing.

574.9. Turn-off to right to Sandy Hollow.

577.5. Baerani.

585.7. Turn-off to left to Widden Valley.

589.7. Kerrabee. Took road through tunnel.

593.8. Slope with brown soil. E. *hemii*-
Pardillana sp. (j.), *Goniaca australasiae*,
Phloia (spec) to 50ft with a *Phyllode*
Apotrochis bicarmata, *Phaulacridium vittatum*
Acacia sp. to 15ft. Grasses to 1ft, occ.
 forbs & occ. *Wahnia* sp.

603.7. Turned right on Mudgee road (Bylong
 1 mile on to left).

256/0.2. Gentle slope bordering upon
Chortoides tenuifera, *Gastromargus muscivus*,
 river. Thinned from sav. woodland of
Oedaleus australis, *Macrotona australis*,
E. conica to 30 ft. *Stipa* spp., *Sporobolus*
M. scariosus, *Leptanthus quadrilobus*,
 sp., *Dichanthium* sp. & other grasses to
Bermis brachycerus (j.)
 18 in, some forbs, including *Sida* sp.

Heteropternis, Aenda (j.), Phaul. vittatum.

612.5. Turn-off to Merrivale to right.

619.7. Wallar.

630.2. Mungthorn Gap. Hilly, with pale
Goniaca opomaloidea, *morabine* sp. P105(?)
 grey soil. *E. rossi*, *E. maculosa*, a grey
 gum & a stringybark to 70 ft with *Callitris*
endlicheri to 30 ft & miscellaneous shrubs
 to 4 ft. Occ. patches Cyperaceae, occ.

Xanthorrhoea, v. occ. *Macrogamia*. Much
 litter. Exama.

635.5. Cooyal.

644.7. Home Rule.

~~3/1/12~~ [N.B. The country from S of the
 Colo R. to well N of Putty is relatively
 uniformly & suitable for *Pardnera*
 throughout, with Cyperaceae &

Bundanoon grass. From Singleton to Gulgong there were hardly any even remotely suitable habitats, ^{perhaps} except for one or two at the western end. The rock seems to be mainly conglomerate & the vegetation *E. crebra*, *E. hemiphloia*, & *Callitris endlicheri*.]

31/12.

25659.0. Home Rule. Took Cooyal road.

659.5. Gentle slope; pale brown soil. *Conyophytes ruficola*, *Excoima includens*, *E. blakelyi*, *E. rossii* to 30ft, with *Gonimaea opomalsoides*, *Cirphula pyrrohaenensis* groups of a rough-barked mallee to 20ft. ^{occ. to 4ft.} Dense microphyllous shrubs to 1ft.

Aristida & other grasses to same, occ.

Macrozamia to 1ft. *Phaul. vittatum*

662.0. Turned round.

662.9. ~~The~~ Slope with brown soil. *Angophora* *Excoima includens*, occ. *Gonimaea carinata*, *intermedia*, *E. blakelyi*, *E. meliodora* to *Apotrochis tricarinata* 40ft, with *Casuarina luehmannii* to 30ft, *Cassinia* sp. to 5ft. occ. *Acacia* sp. to same,

some microphyllous shrubs to 1ft.

Aristida & other grasses to 1ft. Macrotona australis, Phaul. vittatum.

664.9. Home Rule.

672.3. Gulgong depart (via Guntawang)

682.6. Slopes of small hill, stony. E.

Gonialea vocans, *Macrotona australis*, *diabata*, *Calibris endlicheri* to 20ft, with *M. scuriformis*, *Gastrimargus musicus* (j.), dense *Prostanthera* sp. & *Stypandra* (?) sp.

Phaulacridium vittatum, *Pycnostichus* sp. 1, to 3ft, leading down to E. woodland on *Prasickulus* sp., *Prakesia hospita*. lower slopes, heavily thinned, with *Aristida* & other grasses to 18in. Oedaleus, Heteropt.

(j.). Occ. *Lepidosperma* among *Prostanthera*.

690.9. Goolma.

691.5. Turned off for Gallan.

697.3. Ridge with grey-brown gravelly soil. *Oedaleus australis*, *Macrotona australis*, *E. polyanthemus* with some *E.*

Austroicetes frater, *Phaulacridium vittatum*, *macrotyrhycha* to 40ft with *Calibris* *P. nanum*, *Prasickulus* sp., *Brachyocoma endlicheri* to same. *Cassima* sp. & other *lobipennis*, *Tetrix* sp., *Keyacris morcida*. microphyllous shrubs 1-5ft, dense where

the dominants thinned, some thin

grass. Cirphula pyrochrochennis. Frogg.

701.7. Road in from Dunedoo on right.

704.6. Road in from Gurrrie on left.

708.5. Road in from Gurrrie on left.

712.1. Road in from Dunedoo on ~~left~~ right

712.4. Road in from Mullington on left.

716.3. Turned left into Dunedoo - Dubbo road.

718.0. Ridge with rock outcrops. E.
Gomæa australasiae, *Phaulacidium* sp. 4 (?),
~~*Acacia*~~ *crebra* & *C. endlicheri* to 50 ft,
Coryphantha ruficollis, *Utricularia guttulosa*
E. dealbata to 30 ft, rather sparse

microphyllous shrubs 1 - 3 ft, much bare ground & leaf litter. *Utricularia* on loose gravel following road disturbance. Sparse grass. *Pycno. senatus*.

720.1 Ballimore.

1/1/71.

25745.9. Dubbo depart.

750.9. Turned off Newell Highway on Mendooran road.

751.3. Brocklehurst.

753.0. Road in from Mendooran on right.

756.7 Stony hill with *E. dealbata*, *E.*
Goniala vocans, *Heteropternis obscurella*,
Cnabra + *E. macroorhyncha* to 40ft, *Acacia*
Apotropis tricarinata, *Macrotona australis*,
 spp. (2) to 15ft fairly dense, *Stypanandra* (?)
M. sp. 13, *Phaulacridium sp. 4*
 sp. dense for most part to 3ft, occ. small
 shrubs, sparse grass, *Cheilanthes*
 abundant. Dec.

759.6. Turned right just before Mogriguy.

762.0. Enter Gonoo State Forest.

762.5. Flat, with brown sandy loam. *E.*
morabine sp. P97, *Phaulacridium sp. 4*,
Cnabra to 60ft, *C. endlicheri* to 40ft, *Acacia*
Macrotona sp. 13, *Monistria discrepans*, *Epallia*
sp. to 12ft, *Casuarina luehmanna* occ. to
sp., *Cirphula pyrochroenensis*, *Goniala vocans*,
 20ft. Microphyllous shrubs fairly dense
Macrotona scarriformis, *Rupacris marcidula*
 1-2ft, *Lepidosperma* frequent to 18in,
Calvinia sp. occ. to 1ft, grasses & forbs
 incl. *Helichrysum* sp. *Prostanthera* ?aff.
 frequent, *Monistria* on a *Prostanthera* (spec.)
empetrifolia Scit.
 to 2ft 6in. leaf litter under trees. Return.

765.4. Rejoin Dubbo-Mogriguy road.

765.6. Mogriguy.

775.4. Emmungerie.

776.0. Rejoin Newell Highway.

793.4. Gilgandra.

794.3 Turned right off Newell Highway
on Mendocino road.

798.3 Road from Bearbung in from left.
to 60 ft

806.4 Cleared by fire from *E. crebra* & *C.*
Apotropis bicarinata, *Cirphula pyrhoaenensis*,
hugellii to 40 ft on low rise with
Macrotona sp. 13, *morabine* sp. P97(?)
brown sandy loam soil. *Dodonaea* sp.,

Acacia spp. & a few other shrubs in
open formation, with *Aristida* &
other grasses. *Oed*, *Arnisa guttulosa*,
Genus nov. 95 *ochracea*, *Heteroph.*

808.8 Sallabalah Creek crossing.

812.1 Mileage post "Elgandra 19".

814.6 Road in from Bearbung to left.

Peg: "Mendocino 12".

817.1 Top of gentle ridge, brown sandy loam.
Macrotona scuriformis, *Phaulacridium*

E. crebra, *E. dealbata*, & *C. endlicheri* all
nanum, *Goniaca opomaloidea*, *G. australasica*
to 40 ft, partly cleared. Most shrubs to

4 ft, sparse under intact community.
denser where cleared. *Cirphula*.

818.1 Castlecragh R. Crossing.

821.5 Cleared from *E. crebra* to 60 ft & *C.*

Phaulacridium sp. 4, *Coryphistes ruficola*, ⁹
endlicheri to 50ft on brown sandy loam
Phaulacridium nanum
flat. Broombush to 10ft, other shrubs
sparse to 1ft, sparse grasses. Oct, Heter,
Chort., Gen. nov. 95 ochracea.

822.2 4-mile peg from Mendooran.

826.2. Mendooran. Took road to Dubbo.

829.9. Undulating, with brown soil.
Gomiale australasica, *Coryphula pyrohaemalis*,
E. crebra, *E. dealbata* to 40ft, *C. endlicheri*
Uruia sp., *Macrotona* sp. 13, *maabine* sp. P97.
to 30ft, *Acacia* spp. to 12ft, microphyllous
shrubs fairly dense to 1-3ft., *Aristida* &
other grasses sparse to 1ft, forbs.

2/1.

25873.6. Dubbo depart on Dunedoo road.

881.5. Turned left on Mendooran road.

882.0. Railway crossing & road intersection.

884.8 = 881.5.

896.8. Ballinore.

900.9 Road in from Gollan on right.

903.2 (On compulsory deviation to north
Phaulacridium nanum, *Gomiale apomaloides*
of railway) Brown sandy loam flat, with
E. crebra regrowth, *Callitris endlicheri*, &

+ *Casuarina luehmanni*, with dense growth of microphyllous shrubs, mainly *Calyptrix* sp. to 3ft. Cirphula, Gen. nov. 95
Ochracea.

904.5. Return to main road.

905.3. Low hill with brown sandy loam.

Macrotona australis, *Phaulacridium vitta-fum*,
E. woollsi, *E. blakelyi* & *C. hugelii* to
P. nanum
50ft, rising to *E. crebra* & *C. endlicheri*.

Microphyllous shrubs frequent to 18in.,

Stipa sp. to 1ft, *Gahnia* sp. frequent to 1ft.

Brachypseuma, Oed, Heteropt., Gen. nov. 95

Ochracea.

908.0. Elong Elong.

920.6. Road in from Gulgong on right.

920.8. Rise with brown sandy loam &

Paridellana sp. (?), *Macrotona australis*,
some stones. *E. woollsi* to 60ft with
Kyacris marida

microphyllous shrubs to 3ft & less, Occ.

Gahnia sp., abundant large papyrus

"*Helichrysum*" (*Kyacris* on this).

933.0. Dundoo.

937.6 = 937.2.

937.4. Mumbadah Creek crossing. Creek
Pitanga crassa, *Gonimela australasica*, *Cedalus*
 flood plain with *E. Camaldulensis*
australis, *Pyrenostictus* sp. 1, *Phaulacridium vittatum*,
 leading out to *Angophora intermedi* &
Macrotoma securiformis, *Cedaria* sp. 4, morabine
E. woollscana to 60ft. *Stipa* spp., *Aristida*
 sp. P43/46
 sp., *Sporobolus* sp. & other grasses 1-2ft,
 occ. forbs, occ. *Chilanthus*. Morabine
 apparently associated with latter in
 long stalky grass. *Brachypoxa*.

Fogg.

945.9. Gentle slope with brown sandy
Coryphostes ruficula, *Gonimela australasica*
 loam. *E. woollscana* to 40ft, occ. *C.*
eudlichorii to 20ft, abundant shrubs,
 largely *Bodonaea*, *Cassinia*, & *Calyptrix*, to
 24ft., *Aristida* to 1ft.

946.5. Merrygoon Creek crossing.

957.2 Mendosran.

26023.2 Coonabarabran.

3/2.

26037.7 Coonabarabran.

040.9. Turned left on Narrabri Road.

042.7. Gently undulating, with pale

brown sandy loam. *E. macrostycha*,
Psedna nana, *Keoparis maxida*
E. rossii, & *Angophora intermedia* to
 60ft, *Acacia* spp. to 6ft in places,
 microphyllous shrubs to 1ft, occ.
Macrozamia sp., occ. *Xanthorrhoea* sp.,
Lomandra sp. in patches, sparse *Themeda*
 & other coarse wiry grasses to 3ft.
Prosoedra associated with the grasses,
 in absence of any cyperaceae.

^{26346.3.}
 4/1 [Dorrigo National Park, 3 mi. from
 Dorrigo on Bellinger road. Rainforest on
 summit & slopes of Dorrigo Mountain.
 Red loam. Large buttress trees with lianes,
 climbing palms & ferns, tree ferns,
 numerous spp. of lower ferns, much
 bare ground & litter, fallen trunks, etc.
Vinguelina brunnei
 Tetrigids caught with fingers on trunks
 of trees of all sizes above ca. 6 in
 diameter, from ca. 18 in above ground
 to highest point reachable with hand,
 but apparently not higher. Trees

collected seemed to be mainly smooth-barked, without dense growth of moss, but with smooth coating of lichen & presumably unicellular algae. Collection made 8.15 - 9.15 pm. - with torch. Associated arthropods: a cricket (specimen), occ. blattids, beetles: millipides.

5/1.

26346.3. Depart Donigo Nat. Park.

373.8. Urunga.

376.0. Hungry Head.

377.7. Rejoin Pacific Highway S of Urunga.

382.1. Turned off to Valla Beach.

383.1. Valla Beach. Saw no likely habitat for *Pseudomura*.

385.1 Back on highway. Turned S.

391.1. Nambucca Head. Saw no typical habitats for *Pseudomura*. Return.

407.1 Urunga.

419.9. Turned right for Sawbell.

423.0 Sawbell.

426.4 Rejoined Pacific Highway

430.1 Coffs Harbour.

433.0 Surf Beach. Return.

456.2. Depart S from southern turn-off to Woolgoolga.

[Section between Urunga & Nambucca Heads seems to be without healthy habitats. North of Urunga there was no evidence of such habitats along the highway, nor on the Sawtell loop road, until immediately S of Coffs Harbour. Mylerton was not visited. Between Coffs Harbour & Woolgoolga there were occasional apparently suitable areas for psidnurines & moraburines, but not at Emeralds Beach.]

6/1.

26473.4 Sun Coast motel depart.

473.7 Little Arrewarra Creek crossing.

477.7. Corindi Beach (wasted 0.3 mile).

478.5. Turned off to Red Rock.

482.1. Red Rock. Return.

482.4. Heath flat, bordered by paper-bark,
morabine sp. P102

Casuarina sp., & Banksia sp. to 15ft.

Microphyllous shrubs & Banksia sp. to 18in,
cyperaceae abundant. (Most morabine computed)

483.1. More swampy flat, with cyperaceae
& a few small shrubs to 9in.
^{Genus nov. 9 sp. 1}

485.7. Back on highway

516.7. Grafton.

546.7. Maclean.

547.0. The hook-out. Return.

548.4. Maclean.

560.1 Yamba.

562.5. Still Yamba. Margin of low-lying
Coryphistes ruficollis, Psedonura pedestris (j.),
area adjacent to golf course. Banksia
morabine sp. P102
sp. to 15ft, with a sprawling Acacia to
4ft, Senecio sp. to 5ft. Large patches
Cyperaceae to 2ft (Psedonura on these),
occasional microphyllous shrubs on
higher areas (morabine on these).

562.9. Yamba depart.

571.5. Joined Pacific Highway to cross
Clarence R.

608.2. Evans Head.

711.

610.2 Low sandstone hill & adjacent
depression between Evans R. & sea, E. of
Evans Head township. Dense heath 1-3 ft
on white sand. *Banksia serrata* &
B. sp., occ. to 5 ft, usually to 1-2 ft, occ.
stunted *Tristania conferta* to 3 ft, numerous
microphyllous shrubs, incl. *Leptospermum*
Canthorhiza sp. to 2 ft,
spp., *Gahnia* sp. in depression, various
Cyperaceae occ. & in patches. Phasmid on
Banksia sp. Gastr. Return.

610.9. Just S. of Evans R. bridge on edge of
township. Fire-damaged paperbark &
Banksia to 3 ft, with *Gahnia* sp. to
5 ft, *Cyperaceae* abundant to 2 ft, ~~various~~
microphyllous shrubs sparse, grass in
patches. *Psidium* among ~~under~~ sedges.

611.4. Evans Head.

~~Mar~~

614.9. Evans Head. Depart on Woodburn road.

617.9. Turn round.

618.3. Extensive flat with pale grey sand.

Eumecurus graciosus, *Gemma nov. 9 sp. 1*,
Heath to 1 ft., with microphyllous shrubs,
Coryphista ruscicola, *Scama includens*, *Ciphrula*
Banksia sp., *Xanthorrhoea* sp. (geocaulous,
pyrrhocaulis, *Poednum mus-gravii*, moraine
very abundant), + occ. patches *Cyperaceae*
Caustis flexuosa R. Br. sp. P101
(spec). *Poednum* apparently on latter.

Heteropt.

621.0. Evans Head (wasted 0.2 mi)

627.4. Flat depression with geocaulous

Poednum pedestris
Xanthorrhoea, several different
Cyperaceae, + several microphyllous shrubs
to 1 ft., (S. of township, just before
gate into air force reserve.)

630.0. Evans Head township.

8/1.

26630. Evans Head depart.

638.5. Broadwater.

654.2. Ballina

662.7. Turned right on Lennox Head road.

666.3. Flat, with *Banksia serrata* &
Acacia imuloides, *Pseudomura pedestris*,
 the paperbark to 15ft leading to open
morabine sp. P101(?)
 heath to 2ft with miscellaneous shrubs,
 incl. *Banksia* sp. to 2ft, grassy
Xanthorrhoea dense, sparse *Cyperaceae*,
 occ. *Gahnia* sp. to 4ft., Christmas bells,
 partly swampy. *P. pedestris* in more
 swampy part on *Cyperaceae*. Return.

669.9. Back on highway.

676.6 Bangalow.

Burra Burra.

775.0. Rainforest & WSF. Tetrigids on
Tepperotettix reliqua
 moss- & lichen-covered rocks & logs in
 rainforest ~~at night~~ at night.

9/1. Springbrook, in rainforest (subtropical
 & *Nothofagus moorei*) at radar station,
 almost on N.S.W. border.

Very well developed virgin forest.

Tepperotettix reliqua
 Tetrigids on lower 3ft of trees, hemiceids
 on ground - both at night, 7.45 - 8.45
 pm., by torch light.

10/1.
 26879.7 Miami. Margins of low-lying
Gemma nov. 10 sp. 1, *Bermia brachycerus*,
 area with dense *Cyperaceae* to 18 in,
Pseudomura musgravei

Callistemon sp. to same, patches paper bark to 15ft. white sand.

941.0.

11/1. On highway N of Brunswick Heads.

Poednuma pedestris

Paperbark & Casuarina ? glauca to 30ft on swampy area with belts of Cyperaceae & bullrushes, bordered by Imperata.

Poednuma on margin of Cyperaceae.

941.5. Brunswick Heads.

12/1. 27099.4. Grafton, depart S. (spec.)

117.8. *E. haemastoma*, *E. gymmiferap*, & a *Ciplula pyrrohemis*, *Goniaca opuncaloides* etc with brown rough bark to near tips *Myrabine* sp. P102, *Eucalyptus planchoniana* F. Muell. & large fluted fruits (spec.), all to 70ft on

Poednuma musgravei

gentle undulations with near-white

& *Banksia* sp.

sand. Microphyllous shrub 1-3ft,

Xanthorrhoea numerous to 2ft, scattered

Anisopogon avenaceus?

Themeda australis & *Bundanon* grass (?),

scattered cyperaceae.

118.4 Halfway Creek.

128.8. Corindi.

134.0. Sun Coast motel.

134.3. Turn off to Mullaway to left.

27/36.7. Turned left for Woolgoolga.

27/39.9. Woolgoolga depart.

27/40.3. Turned left down highway.

144.3. Low-lying sandy flat cleared from
Atractomorpha similis, *Aiolopus thalassinus*,
 paperbark to 30ft. Dense Cyperaceae
Gastromachus viridius, *Poedura pedestris*.
 (2063 spp.) + *Imperata* to 18in, with
 some ferns to 1ft. *Poedura* almost
 confined to an artificial drainage line
 parallel to road, where grass was
 absent, & the more vigorous sedges
 were in small separated areas &
 in bands fringing the bare ground of
 the drainage line. (Specimen of the
Baumea rubiginosa (Spring.) Boeck.
 most favoured sedge) Return.

148.6. Woolgoolga.

13/1.

27/50.9. Woolgoolga depart.

167.0. Coffs Harbour.
 to 70ft

169.6 *E. pilularis* on slope with
 a leguminous microphyllous shrub to

Podnura pedestris, *Abactomopha similis*,
 3ft, leading down to swampy flat
Bernieria brachycephala, *Acrida conica*.
 cleared from paperbarks, a red-gum &
 another one all to 40ft., with at least
 3 species of Cyperaceae to 18in. & a
 few small shrubs. *Podnura* among
 regenerating after ploughing.
 Cyperaceae, especially one sp. (spec.)
Chorizanthe sphaerocephala R. Br.
Gast., Calid., Heteropt.

14/1.

27350.6. Tuncurry. Took Taree road

352.7. Turned right to aerodrome.

352.9. *Banksia serrata* on white sand
Peckia brunnea, *Eumecistes gramineus*.
 of fixed dunes, to 12ft, dense in places,
 in part cleared, with ~~some~~ microphyllous
 shrubs mainly to 3ft. in places to
 some 1ft, partly sedge to 1ft. Cirph., Exuma,
Phaul. nanum. Return.

361.9. Forster depart.

369.0 Heath on high dunes & flat
Cirphula pyrochroensis, *Eumecistes gramineus*,
 behind it. white sand. Microphyllous
Exuma includens, *Phaulacidium nanum*,
 shrubs to 1ft, with *Banksia serrata*
morabine sp. P105

Acacia sp. 22

also Casuarina sp. / to same.
frequent 1-2 ft., *Leptodermis* & other
sedges scattered. East., Heteropt.

370.5. Booti Booti.

381.1. Margin of Smith's Lake, immediately
Pseudnura pedestris, *Atractomorphia similis*
backed by paperbark & *Casuarina glauca*
to 40 ft & then *E. pilularis* to ⁶⁰ft. Various
Cyperaceae dense to 1-2 ft, with grasses
between in places.

400.8. Bullockela.

15/1.

424.9. Depression on whitish sand,
occ. *Gonoclea australasica*, *G. opomalioides*,
with stunted eucalypts & paperbark
Pseudnura pedestris, *Morabina* sp. P105
to 15 ft, & heath 1-5 ft. *Banksia* sp.,
Callistemon sp., *Leptospermum* spp.,
several species of Cyperaceae abundant.

426.0 Tea Gardens. Return.

526.0. W. of Gosford, Intersection of
Woy Woy & Sydney road, near Rambler
Motel. Took Woy Woy road.

526.4. Swampy depression under
Praxilobus sp.
Casuarina glauca to 20 ft adjoining

mangroves. Cyperaceae dense to 2 ft,
patches forbs & grasses.

529.8. Koolwong.

531.2. Woy Woy. Took Sydney road.

533.7. Seepage channel in steep sandstone
moraine sp. P105
country, with white sand. *E. gummifera*,
+ *A. lanceolata*
E. micrantha 1 to 4 ft. Numerous spp. of
microphyllous shrubs 1-5 ft, numerous
spp. of Cyperaceae 9 in to 3 ft.

539.1. Turned right at Sydney-Gosford junction.

541.3. Gosford-Woy Woy junction.